

FIG. 2

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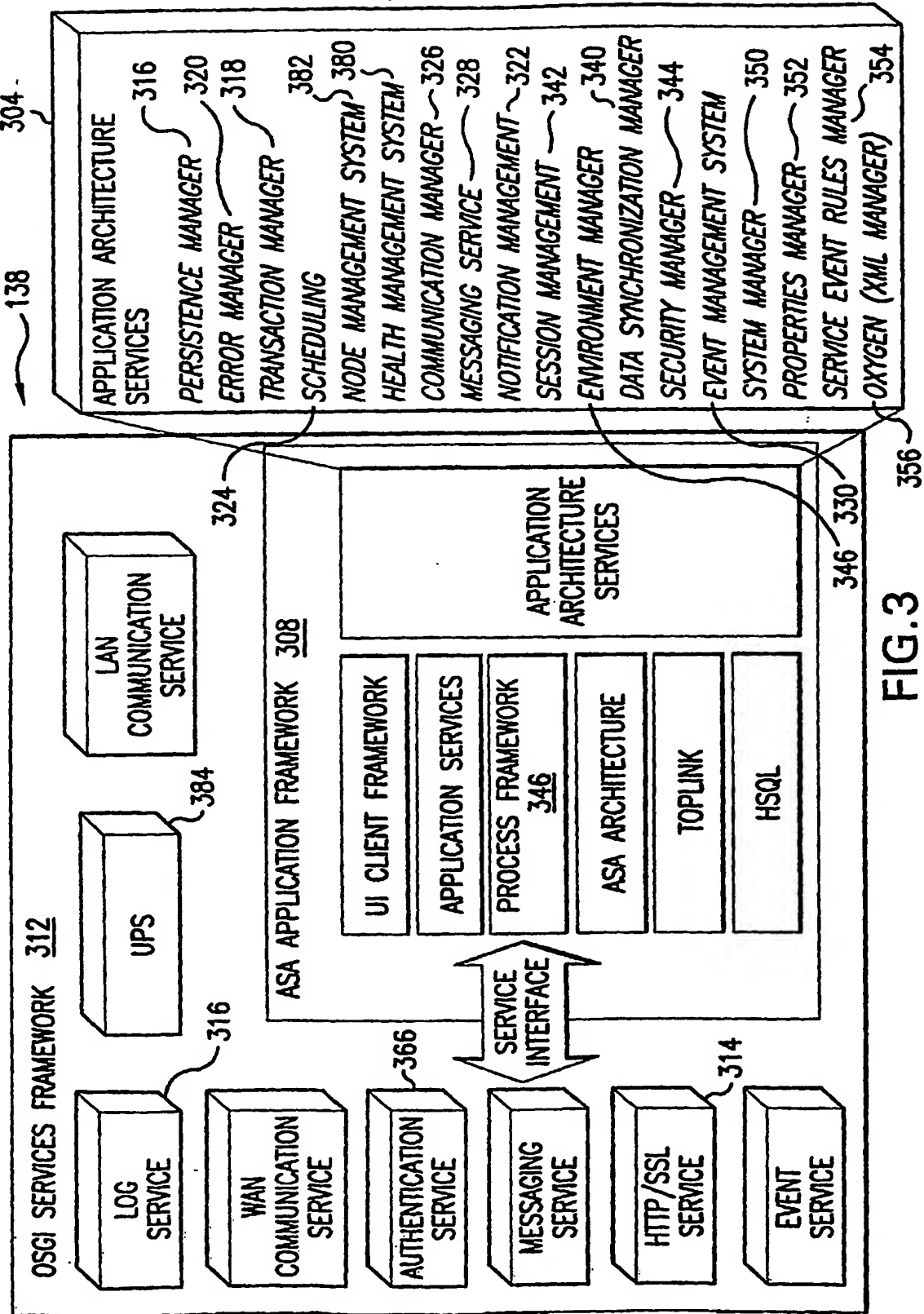


FIG. 3

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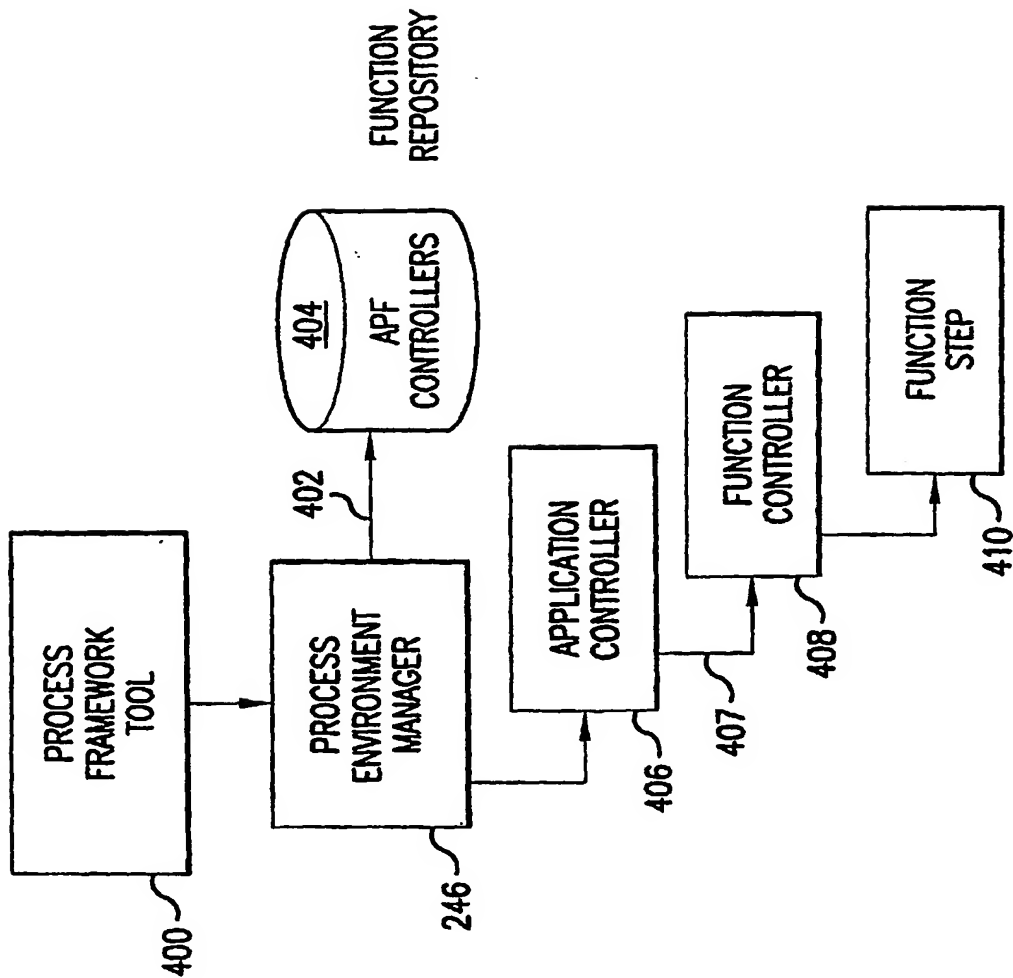


FIG.4

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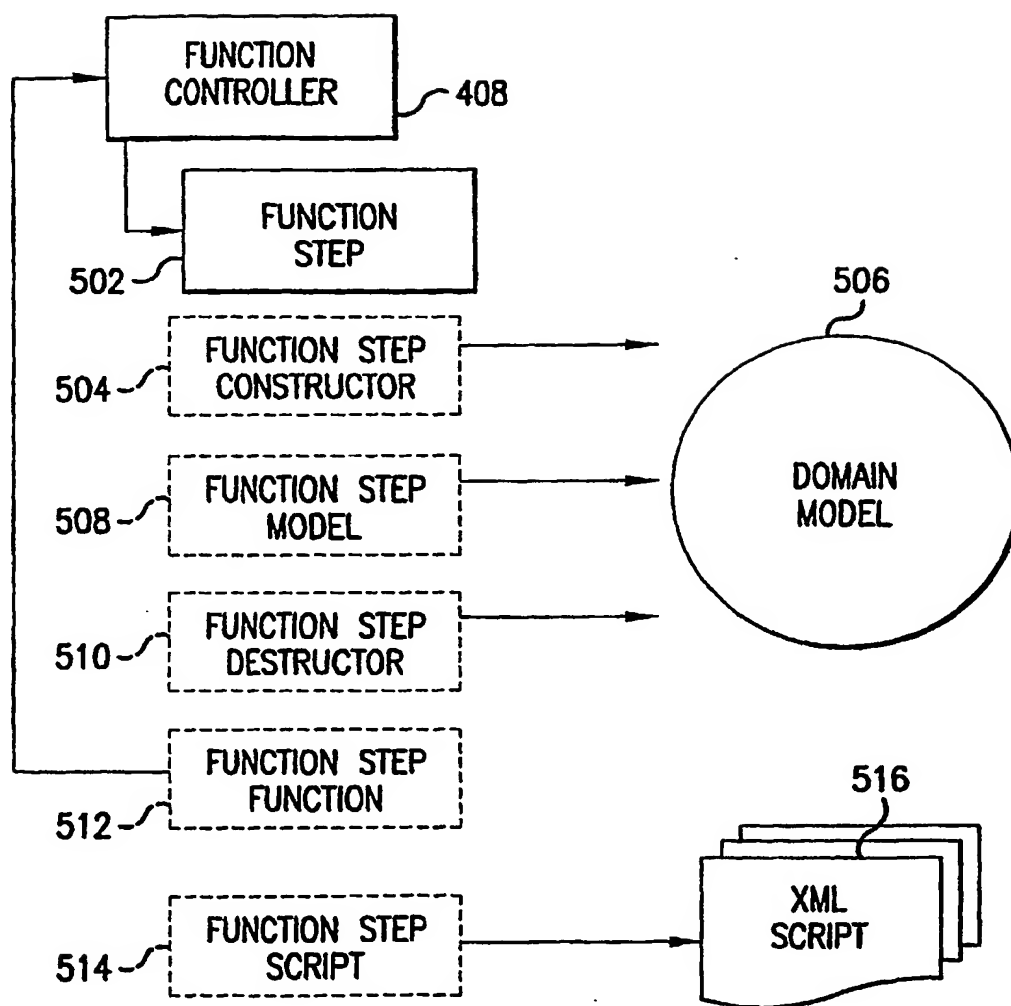


FIG. 5

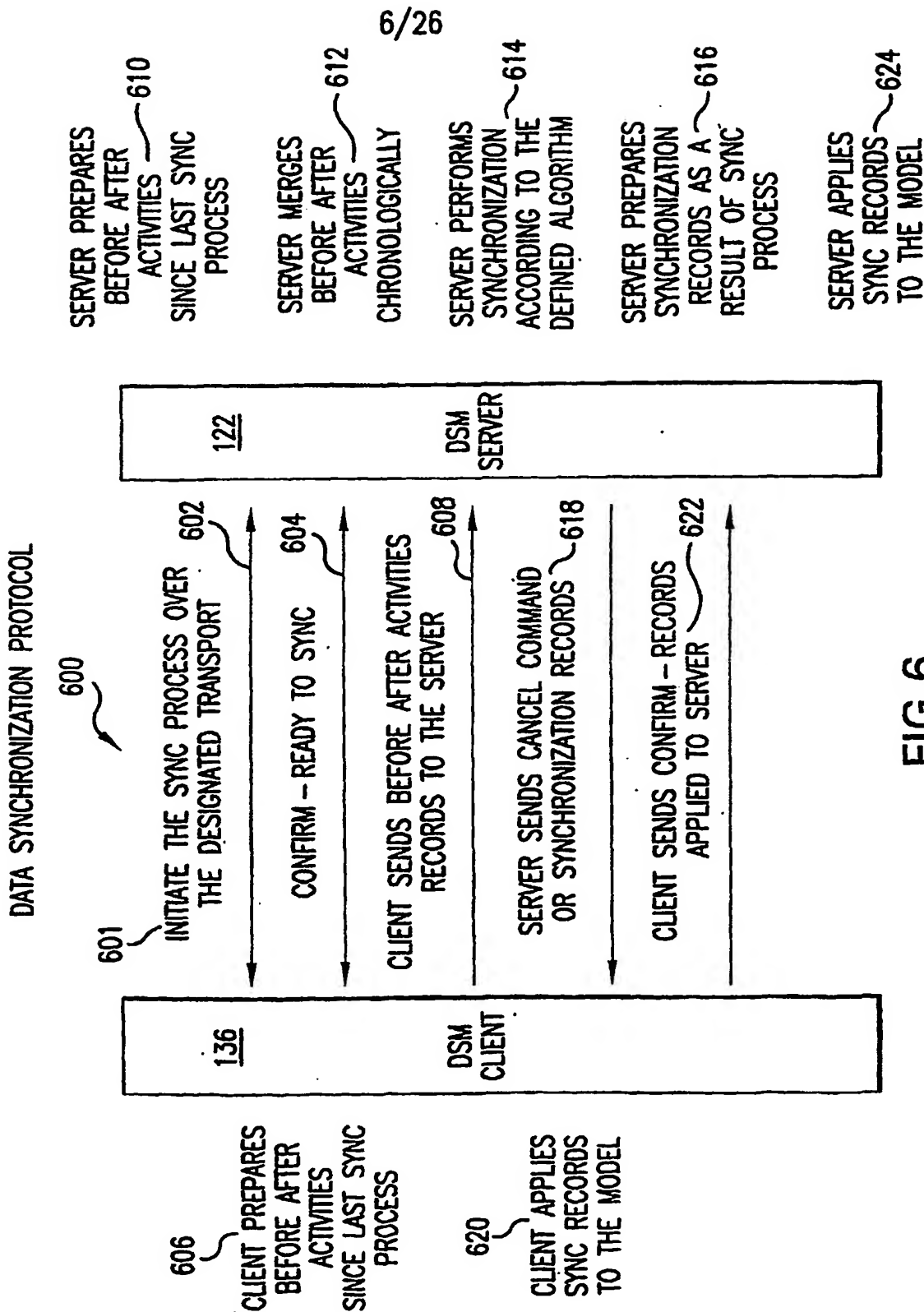
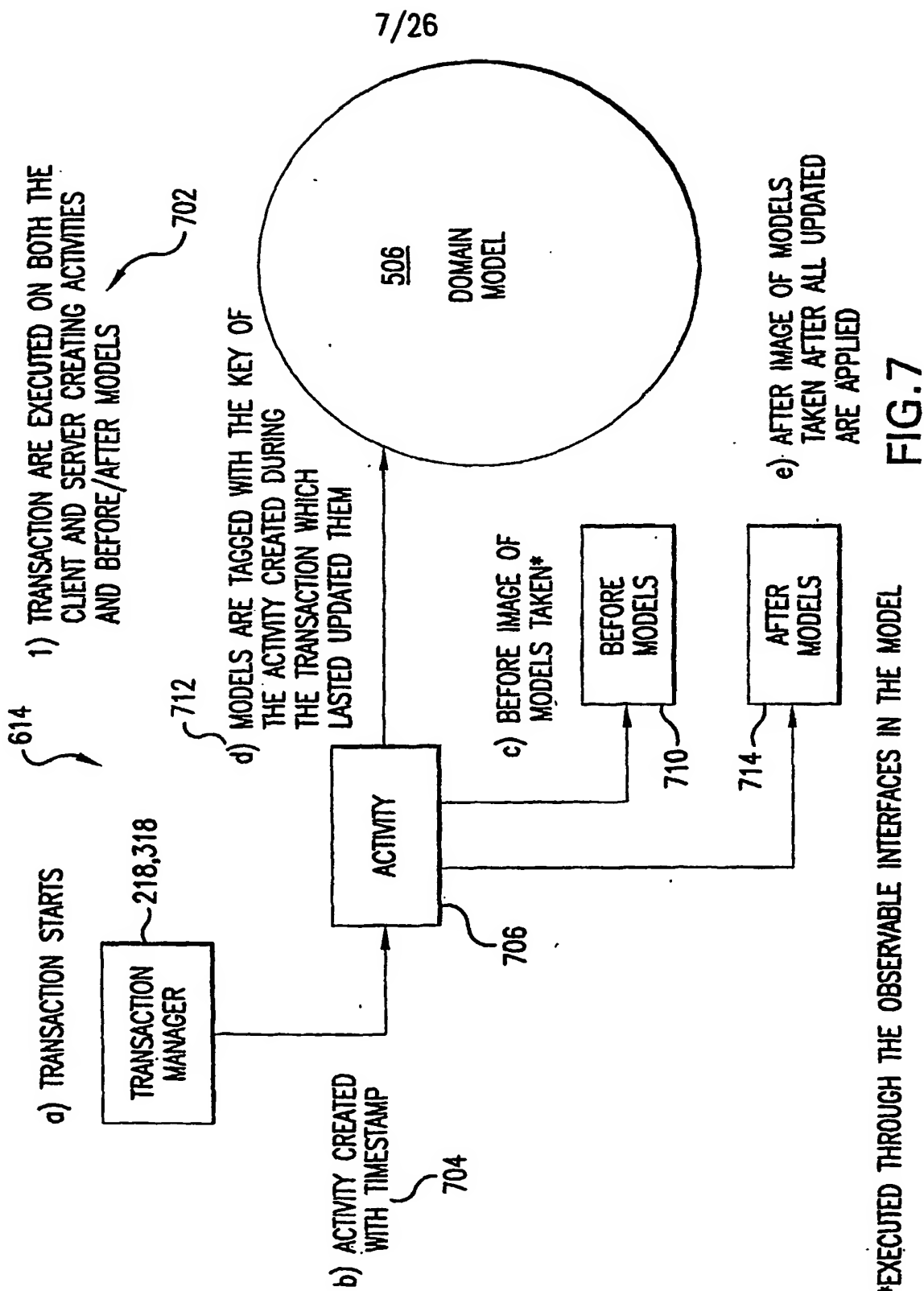
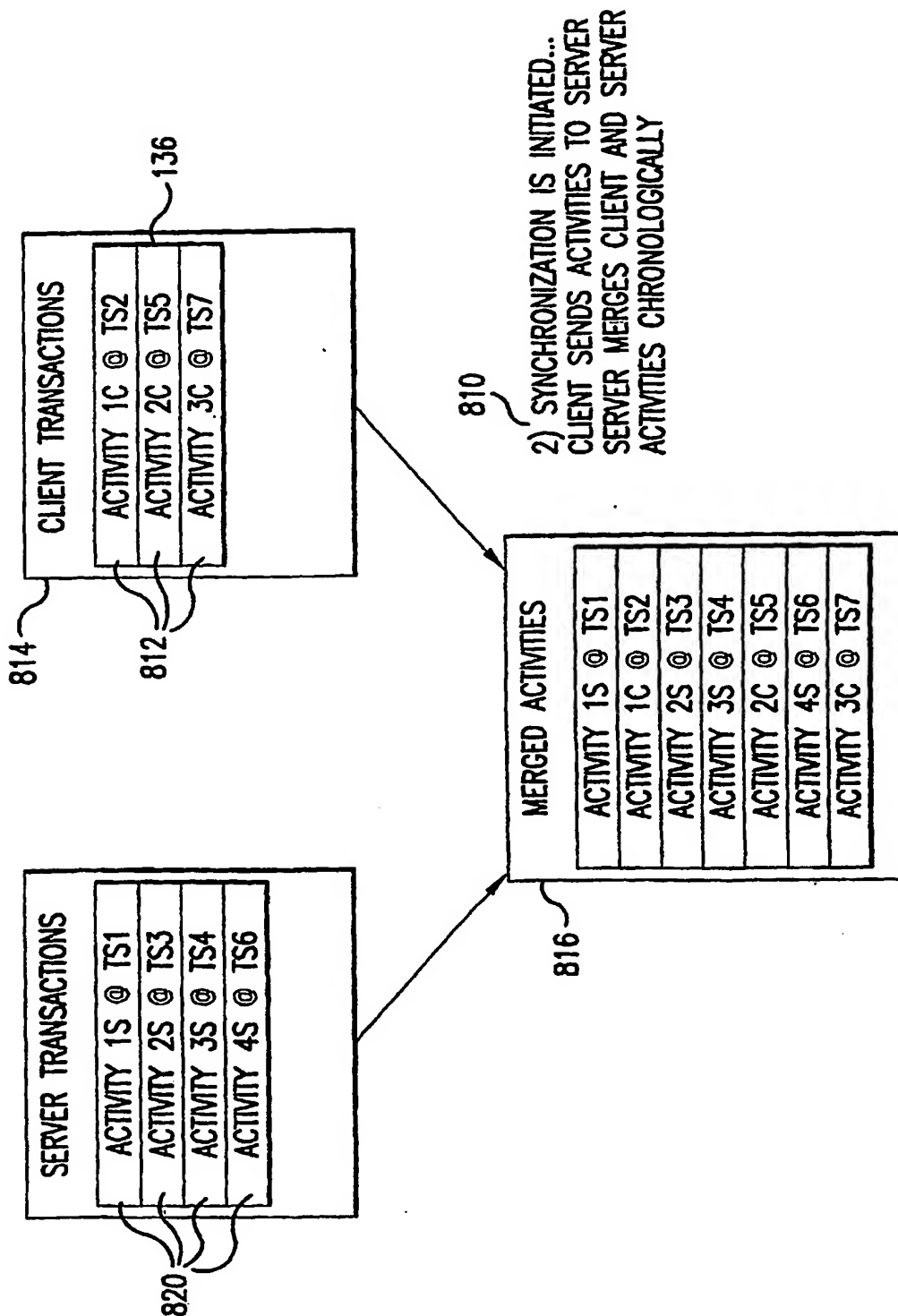


FIG.6



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\*TS = TIMESTAMP

FIG.8



REV2 - DATA SYNCHRONIZATION ALGORITHM - CONT.

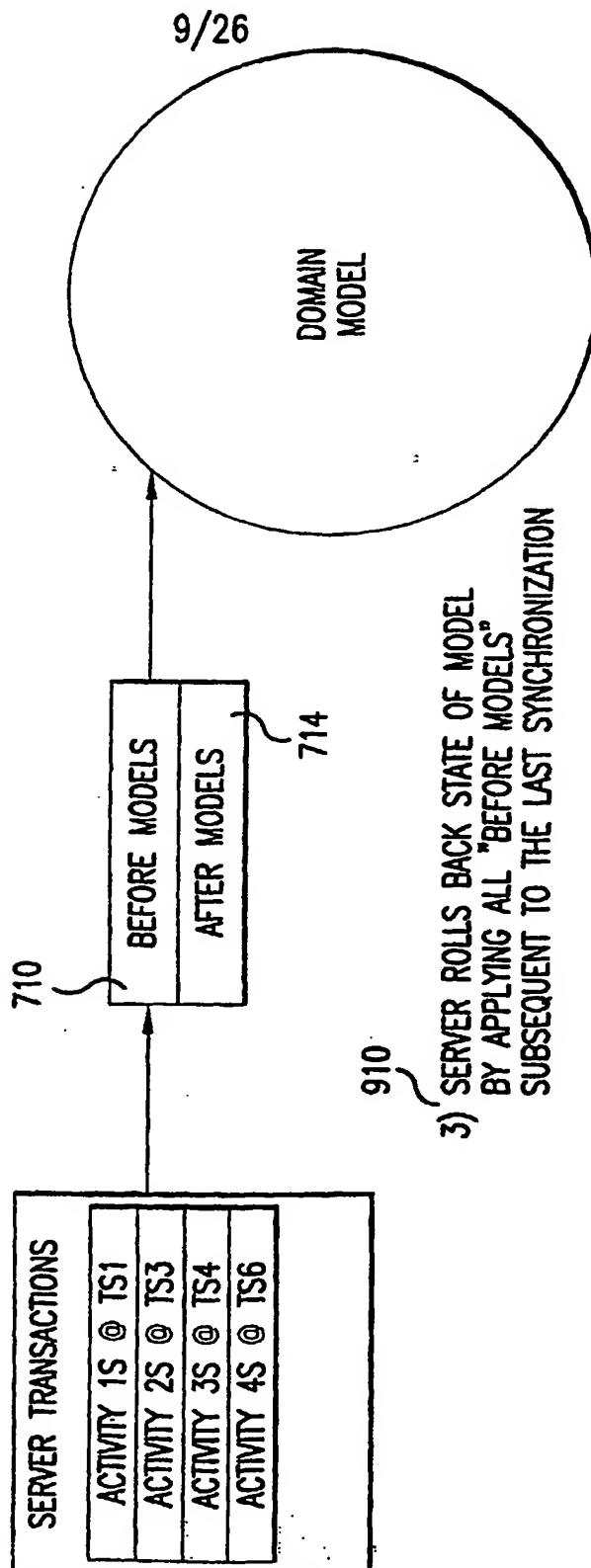
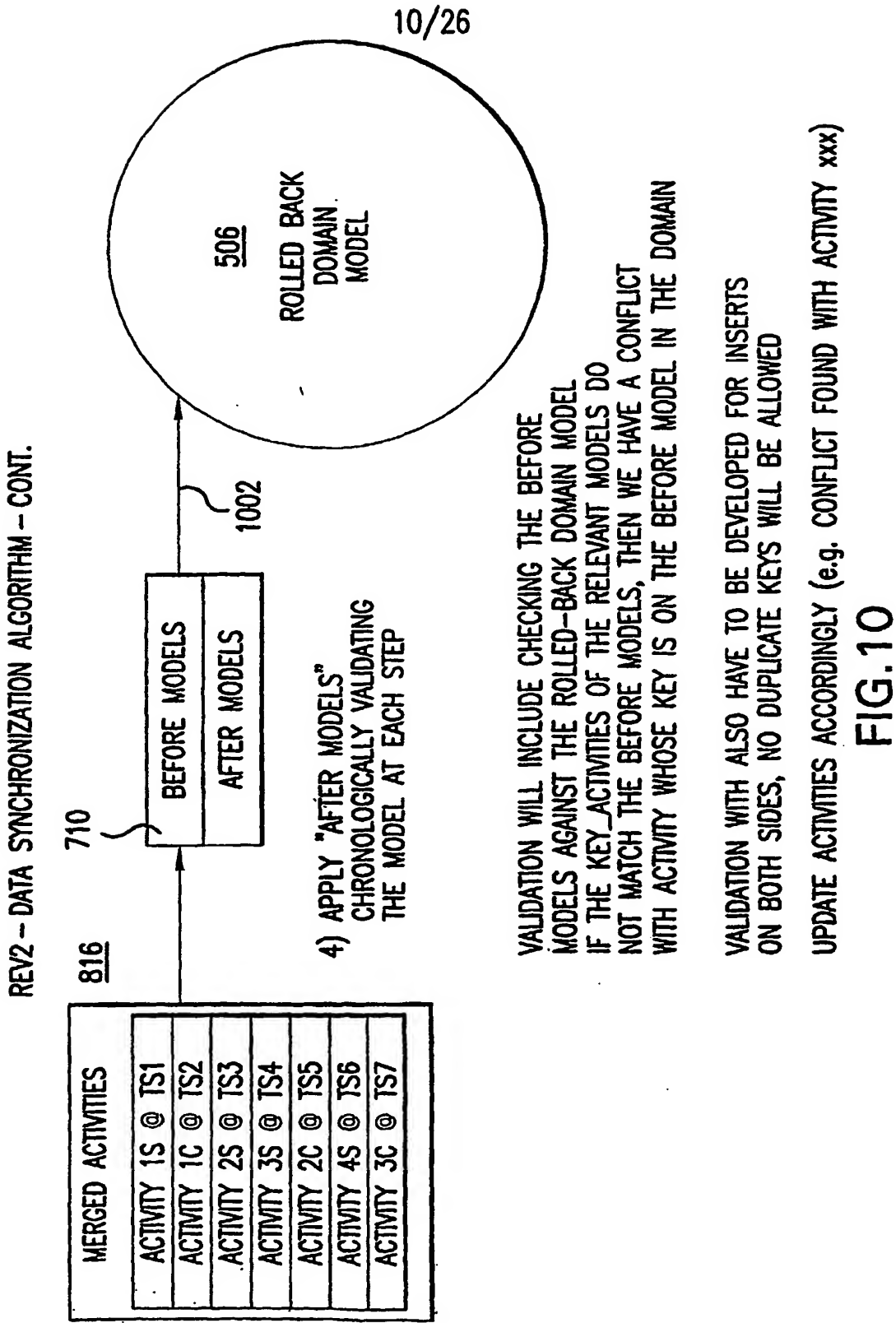
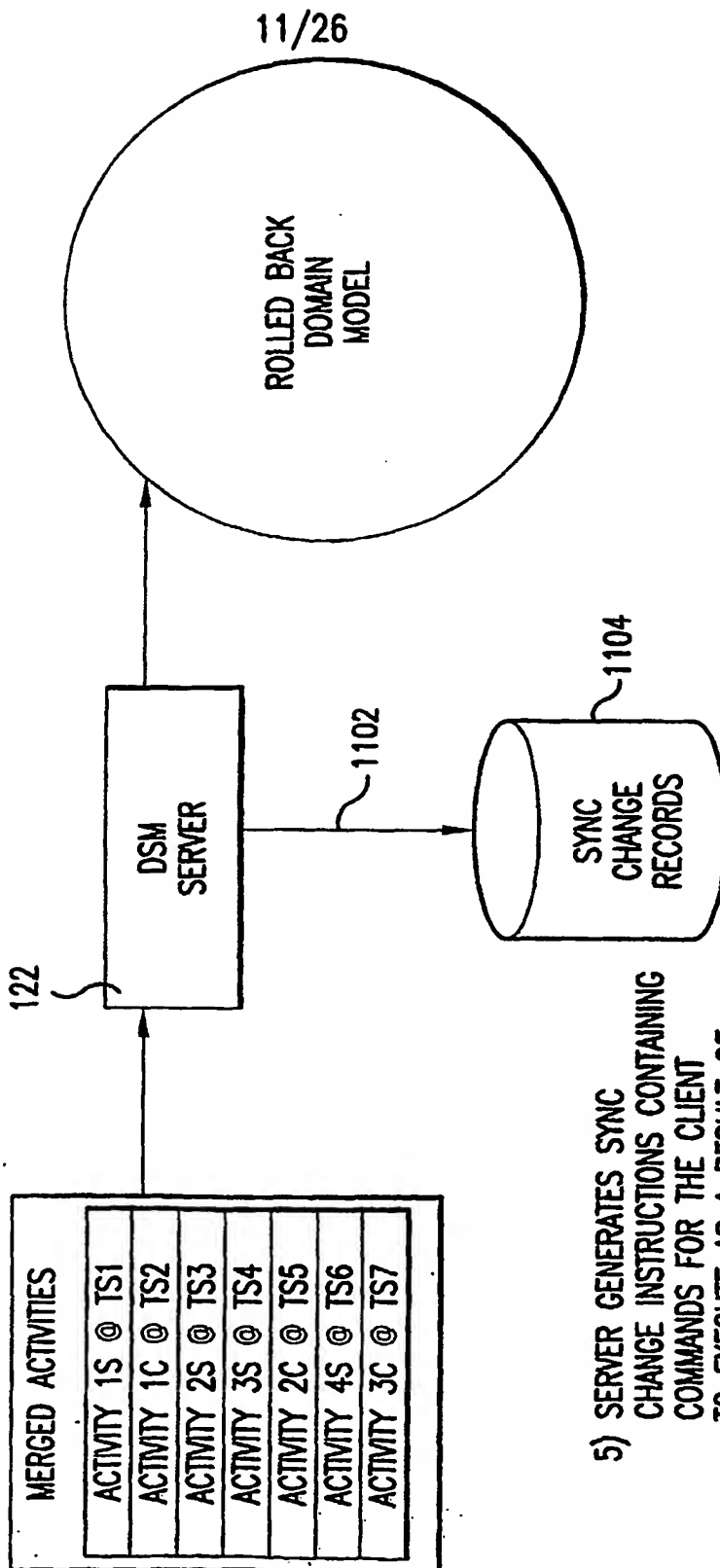


FIG.9



REV2 -- DATA SYNCHRONIZATION ALGORITHM -- CONT.



5) SERVER GENERATES SYNC  
CHANGE INSTRUCTIONS CONTAINING  
COMMANDS FOR THE CLIENT  
TO EXECUTE AS A RESULT OF  
THE SYNCHRONIZATION PROCESS

FIG.11

REV2 - DATA SYNCHRONIZATION ALGORITHM - CONT.

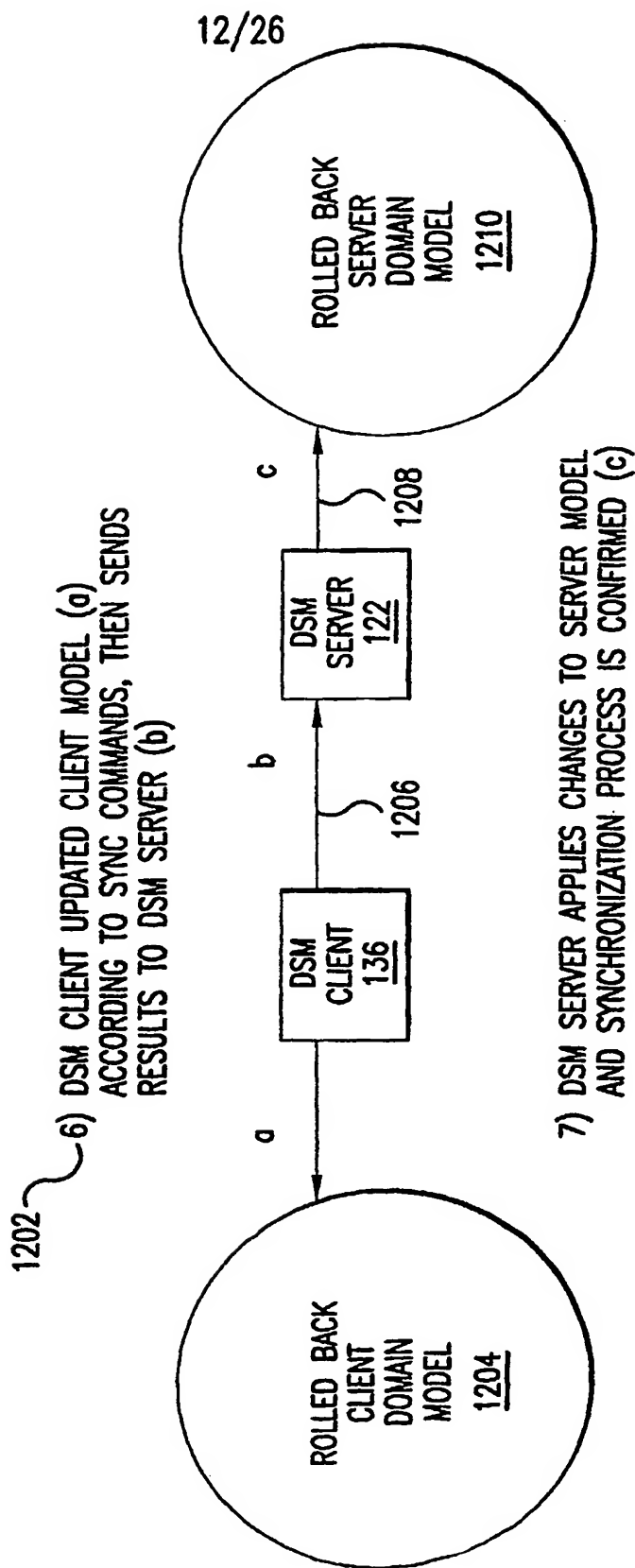


FIG.12

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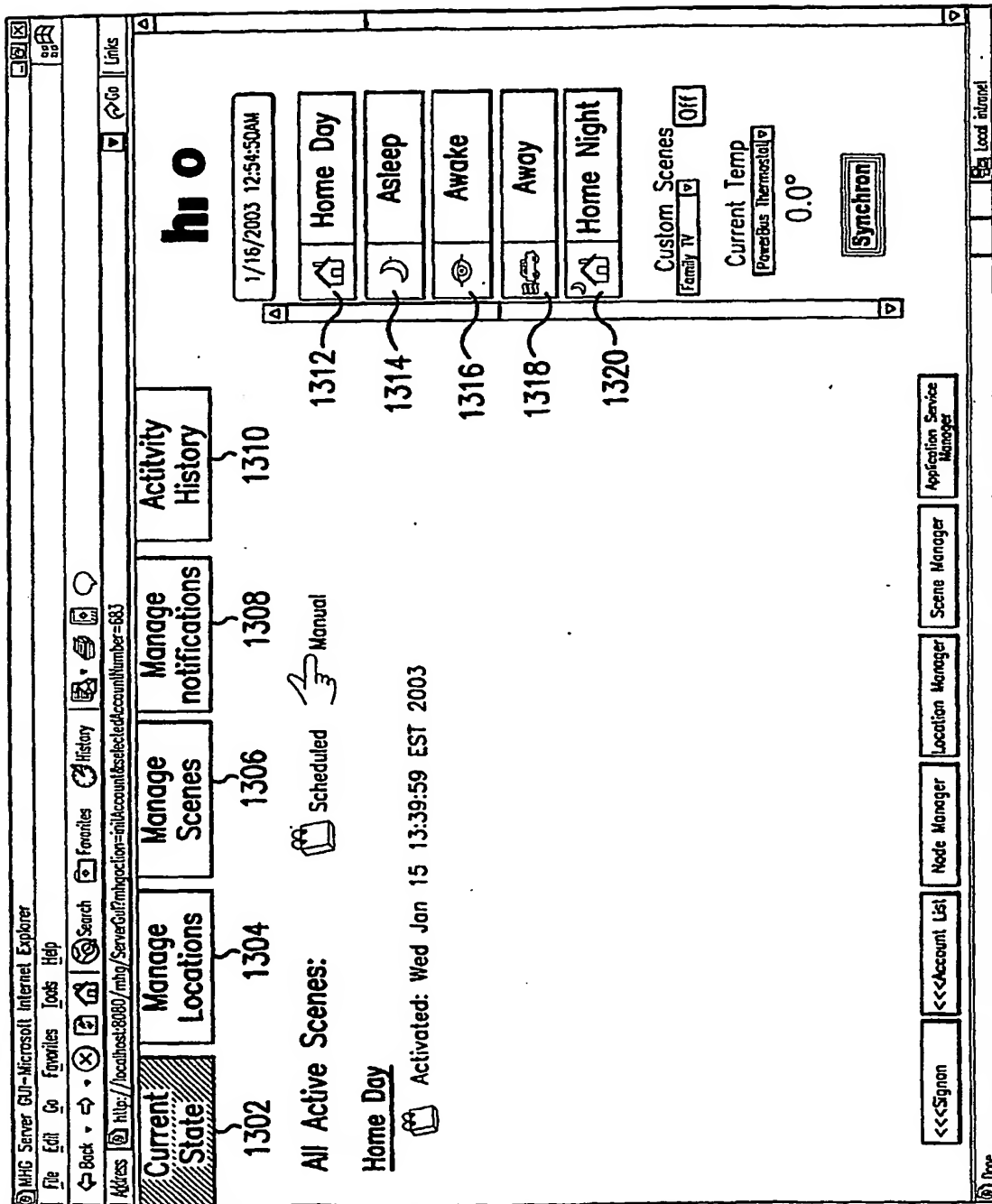


FIG.13

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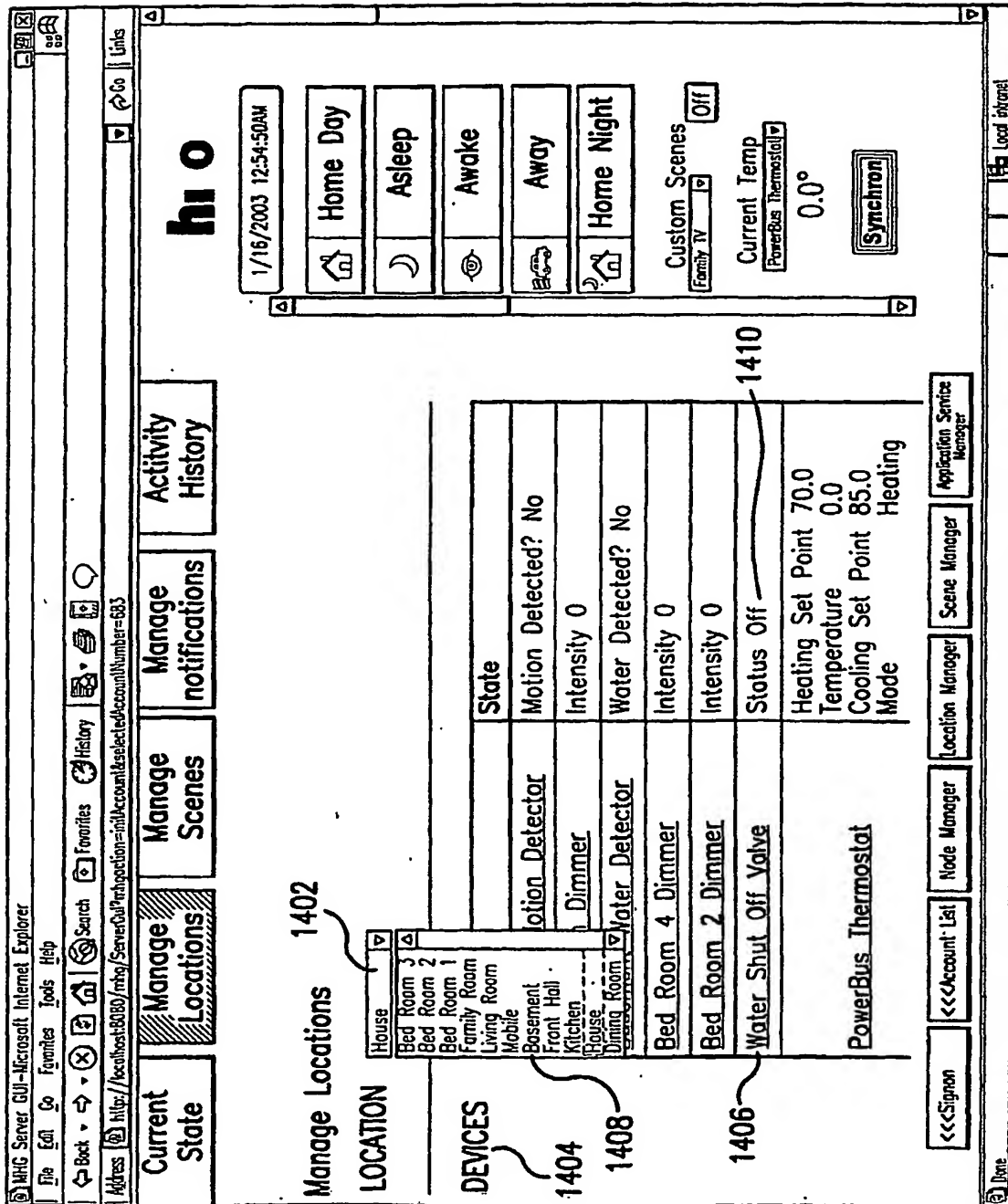


FIG. 14

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h r o

1/16/2003 12:55:32AM

Home Day

Asleep

Awake

Away

Home Night

Custom Scenes

Family TV

Off

Current Temp

PowerBus Thermostat

0.0°

Synchron

Current State

Manage Locations

Manage Scenes

Manage Notifications

Activity History

Manage Scenes

1306

1502

1504

1506

Automatic

Manual

SCHEDULE

LOCATION

Living Room

1508

DEVICES

Device	Settings
Living Room TV	Status On
Living Room Dimmer	Intensity 25

MOTION

Basement Motion Detector

1514

Set Motion Detector

1516

<<<Signon

<<<Account List

Node Manager

Location Manager

Scene Manager

Application Service Manager

Done

Local intranet

FIG.15

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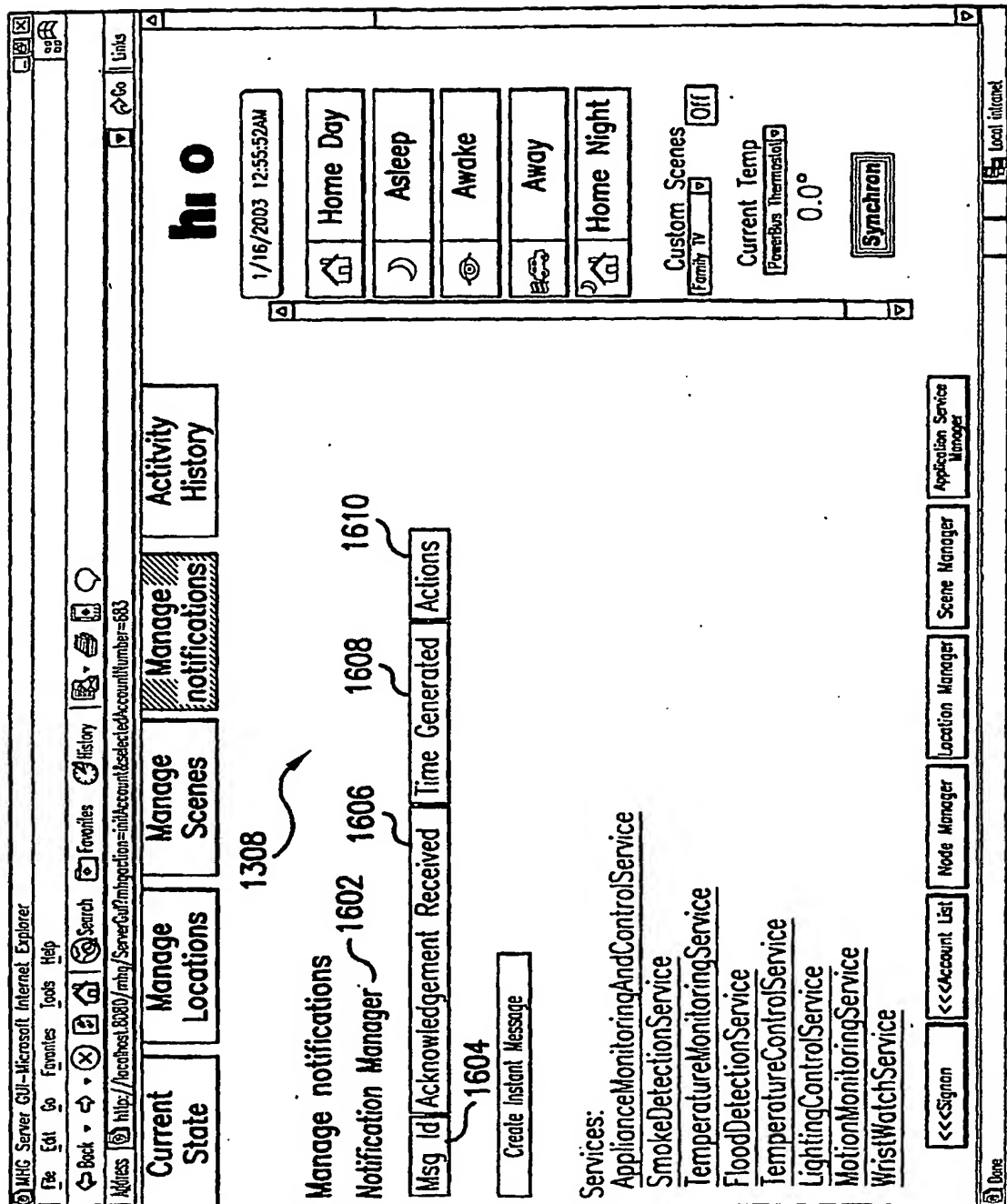


FIG. 16



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1/16/2003 12:56:10AM

Home Day Asleep Awake Away Home Night

Custom Scenes Family TV Off

Current Temp PowerBus Thermostat 0.0°

Synchron

Manage notifications

Service Rules For TemperatureMonitoringService

Critical?	Interval (in minutes)	Type	Actions
<input type="radio"/> Yes <input checked="" type="radio"/> No	1706 1708	Temperature low threshold breach for PowerBus Thermostat	Set Criteria 1710 Display Escalation List
<input type="radio"/> Yes <input checked="" type="radio"/> No	1704 1712	Temperature high threshold breach for PowerBus Thermostat	Set Criteria 1714 Display Escalation List
Back to Notification Manager			

Current State Manage Locations Manage Scenes Manage notifications Activity History

Address: http://localhost:8080/mbg/ServerGui?mbgaction=initAccount&selectedAccountNumber=683

Done Local internet

FIG.17

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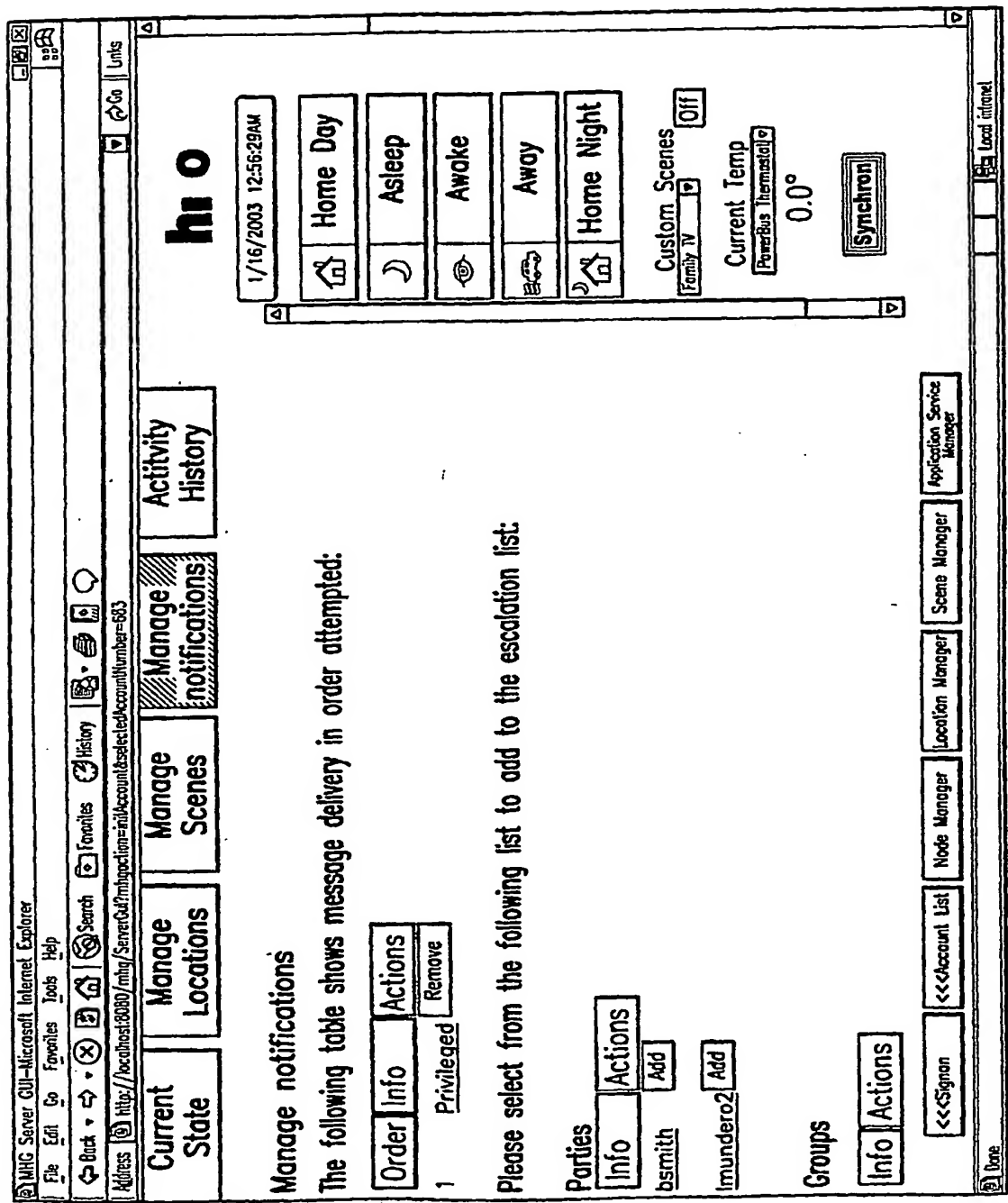


FIG.18

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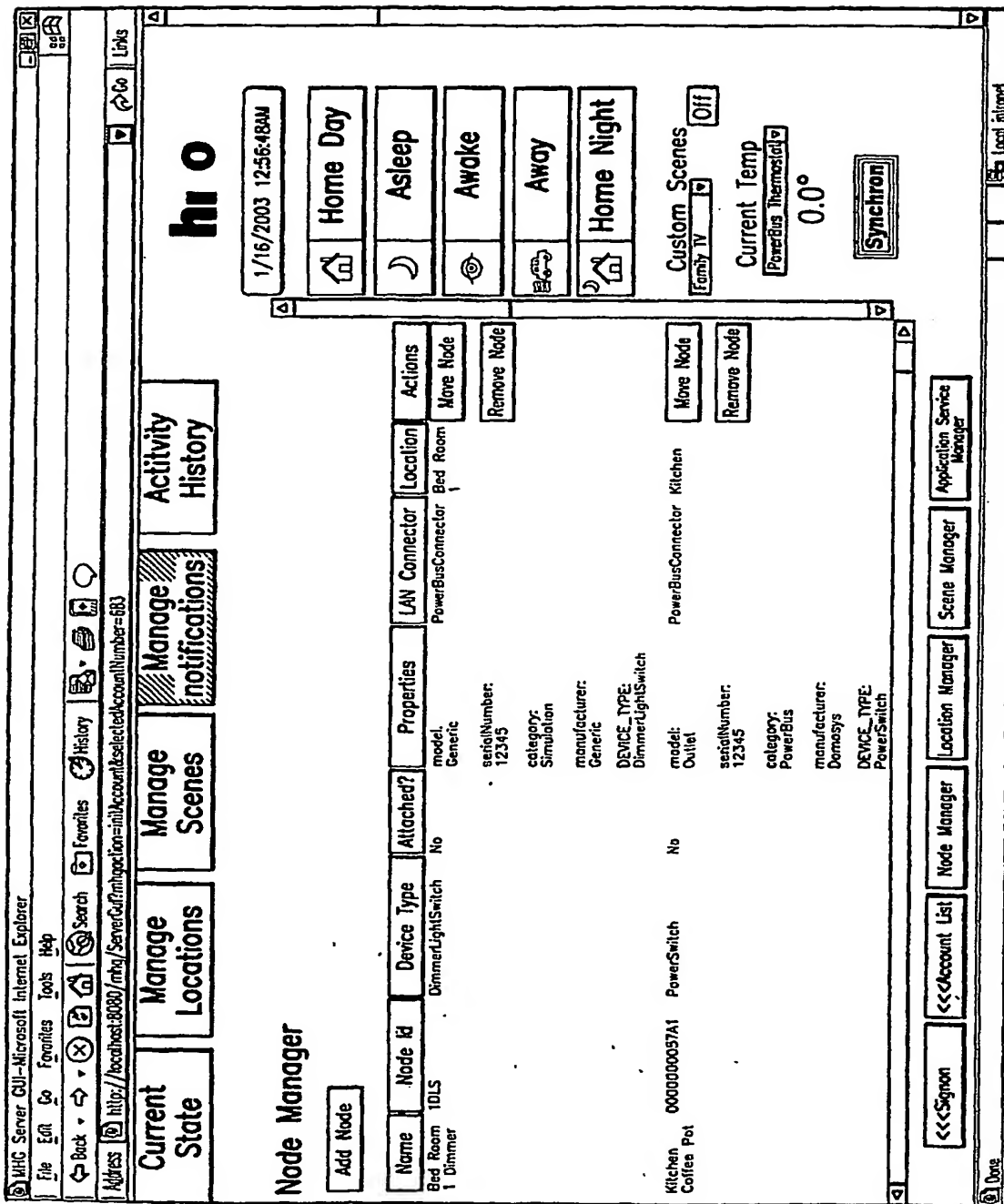


FIG.19

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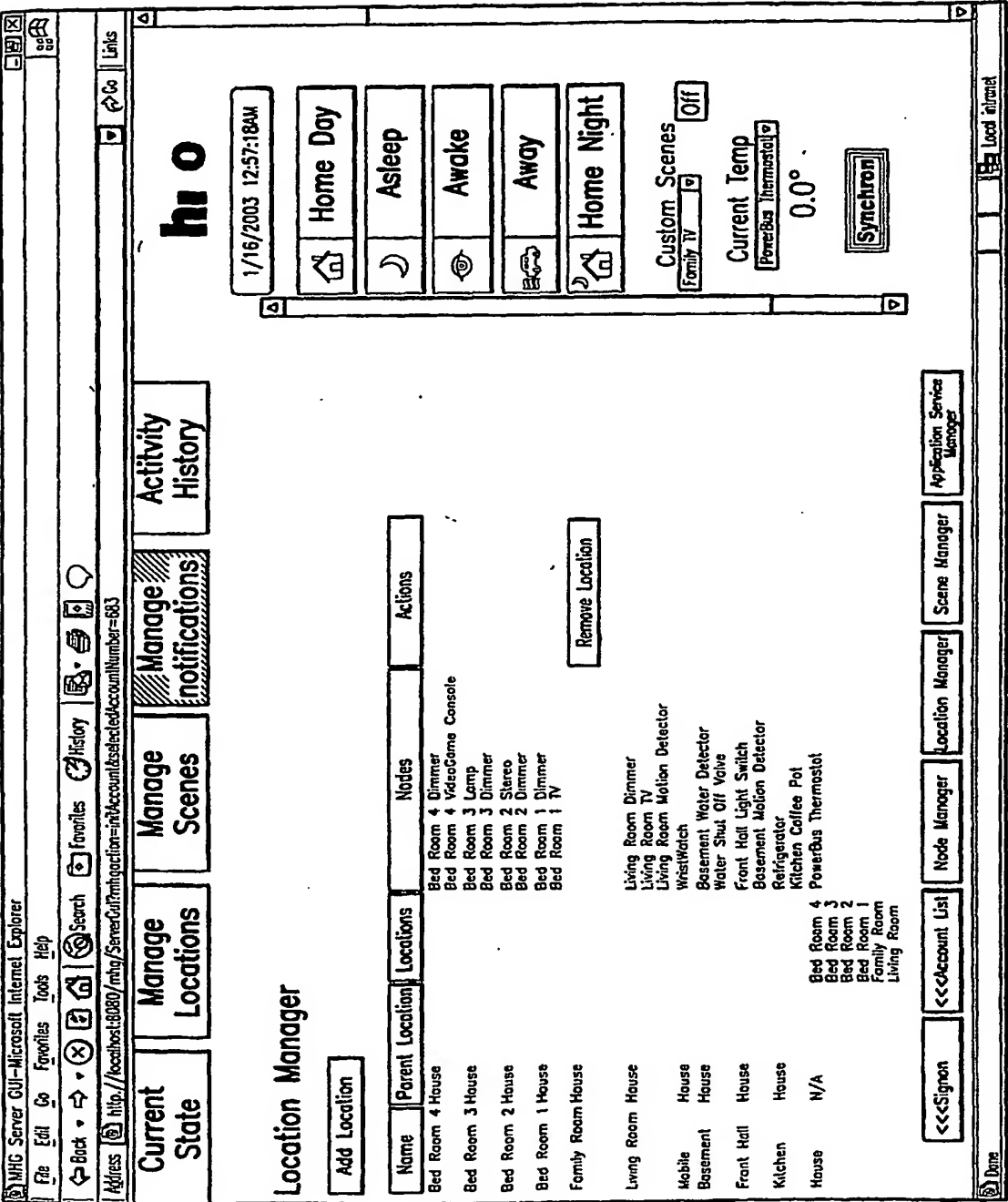


FIG. 20

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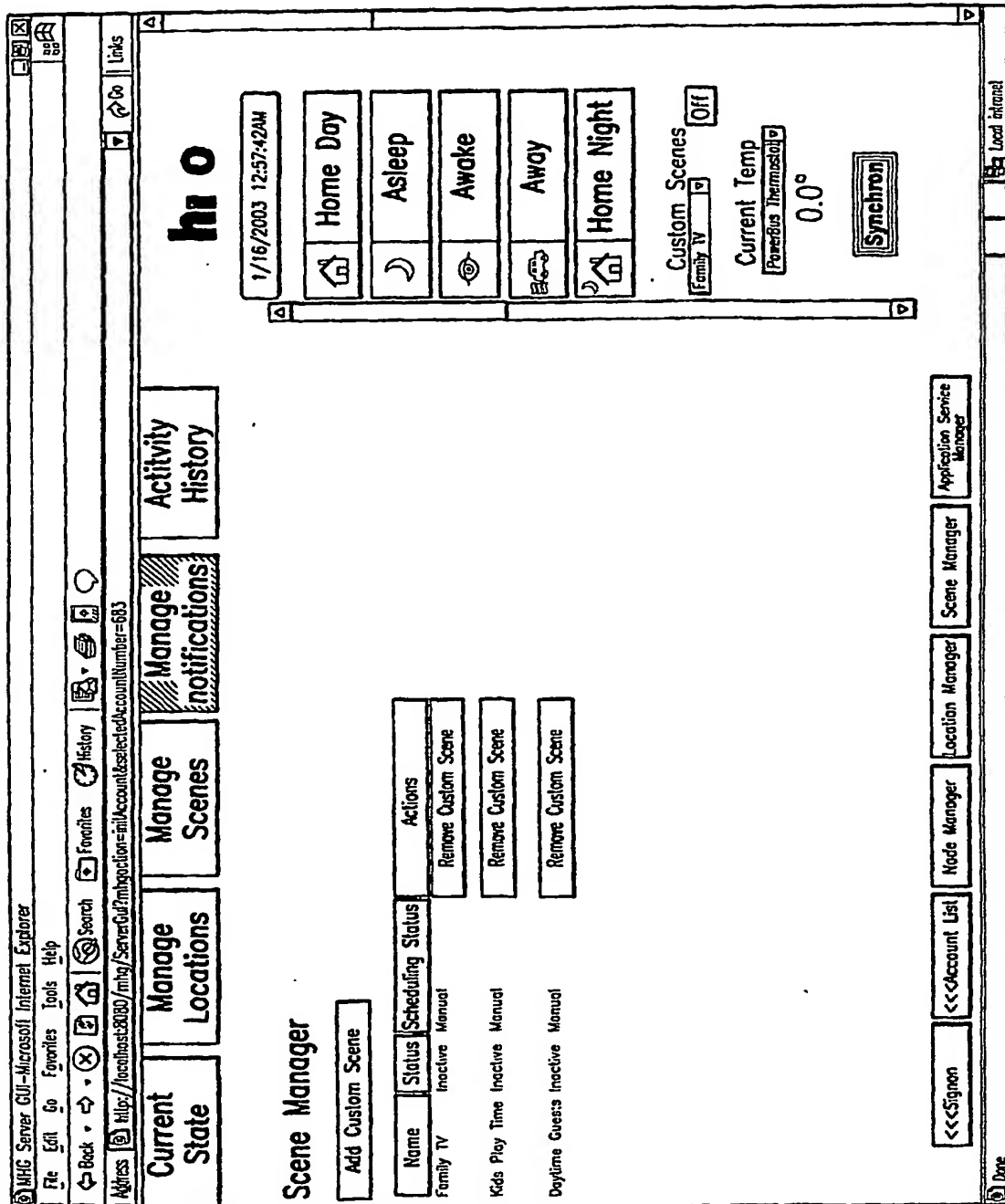


FIG. 21

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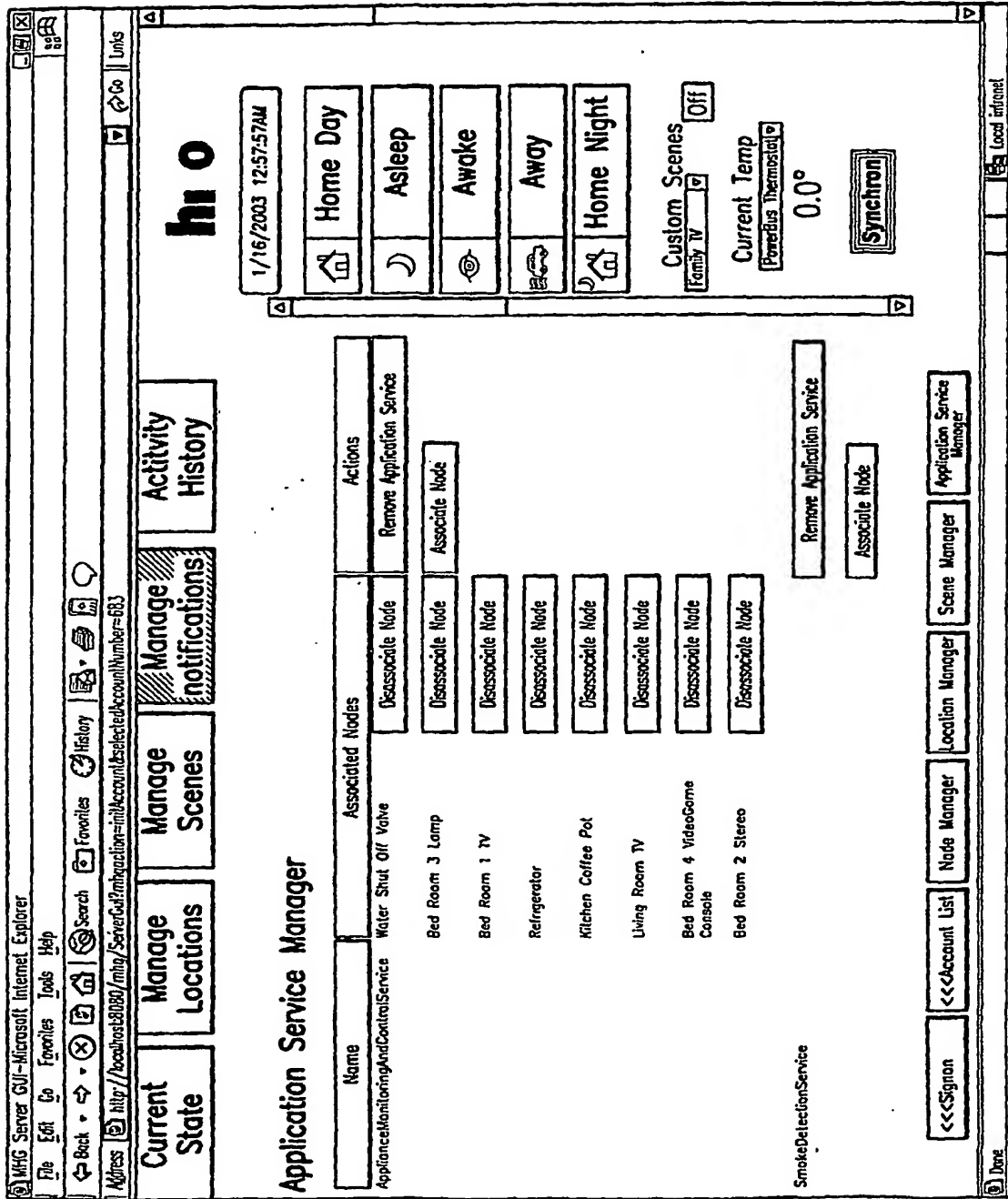


FIG. 22

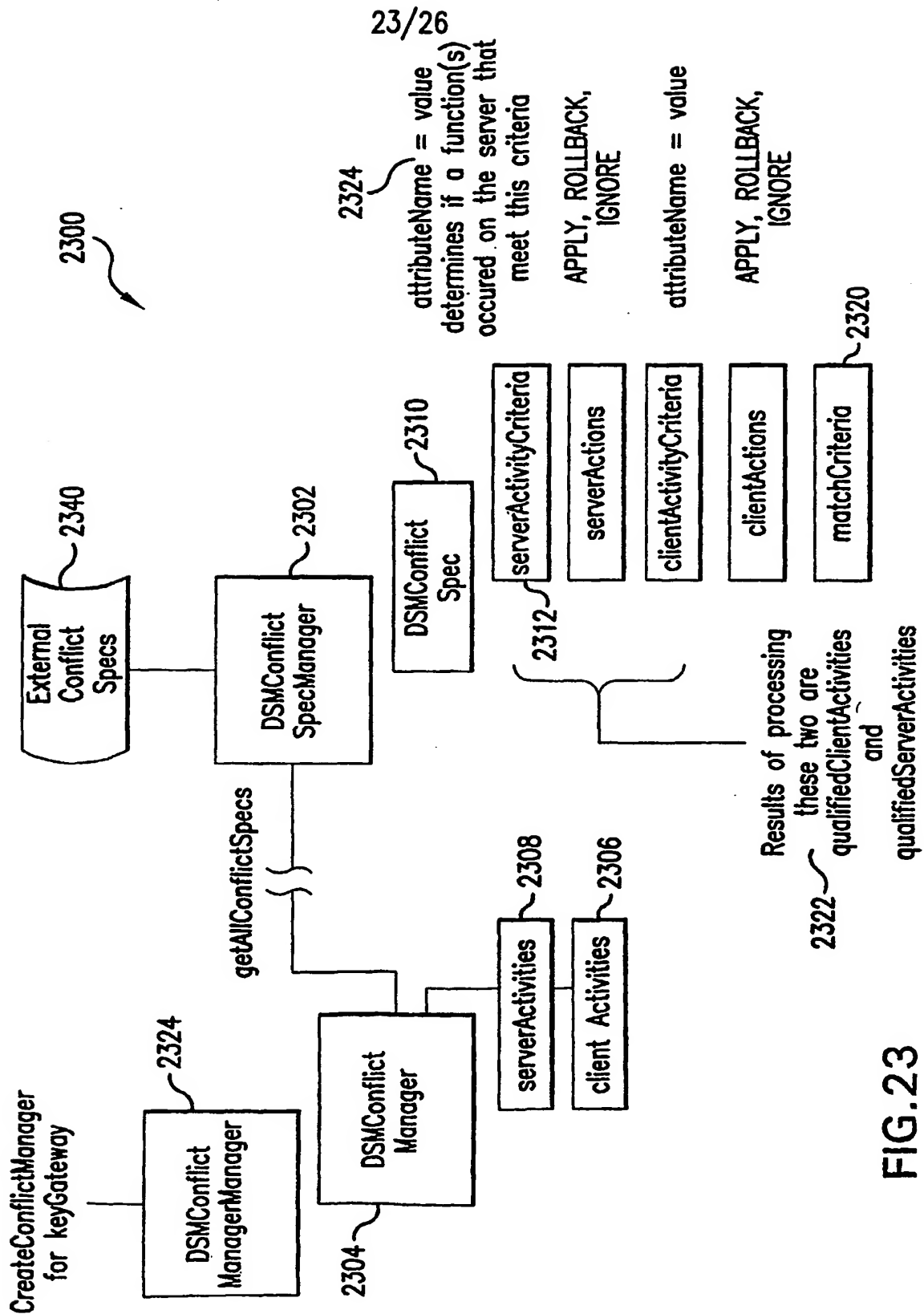


FIG. 23

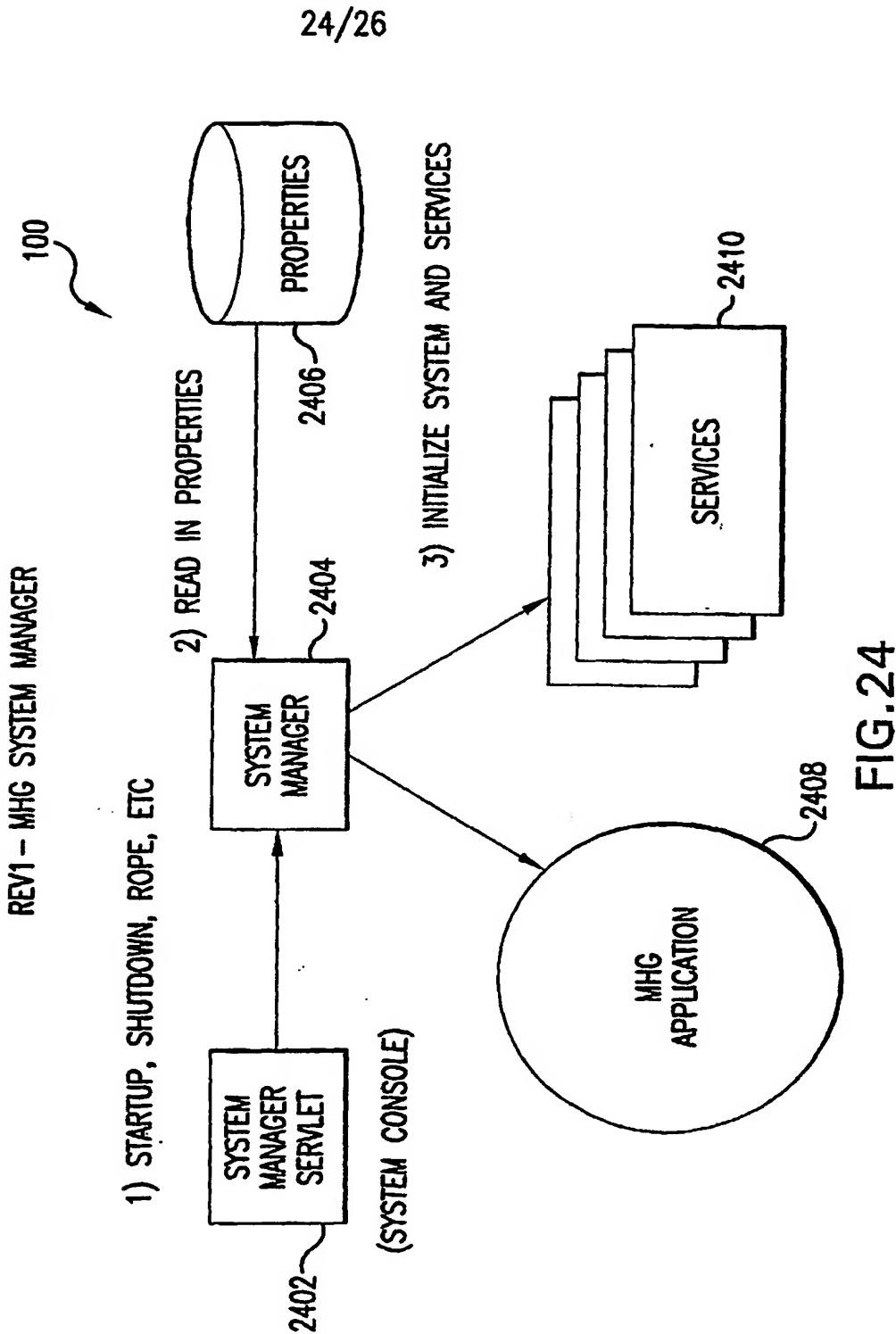


FIG.24



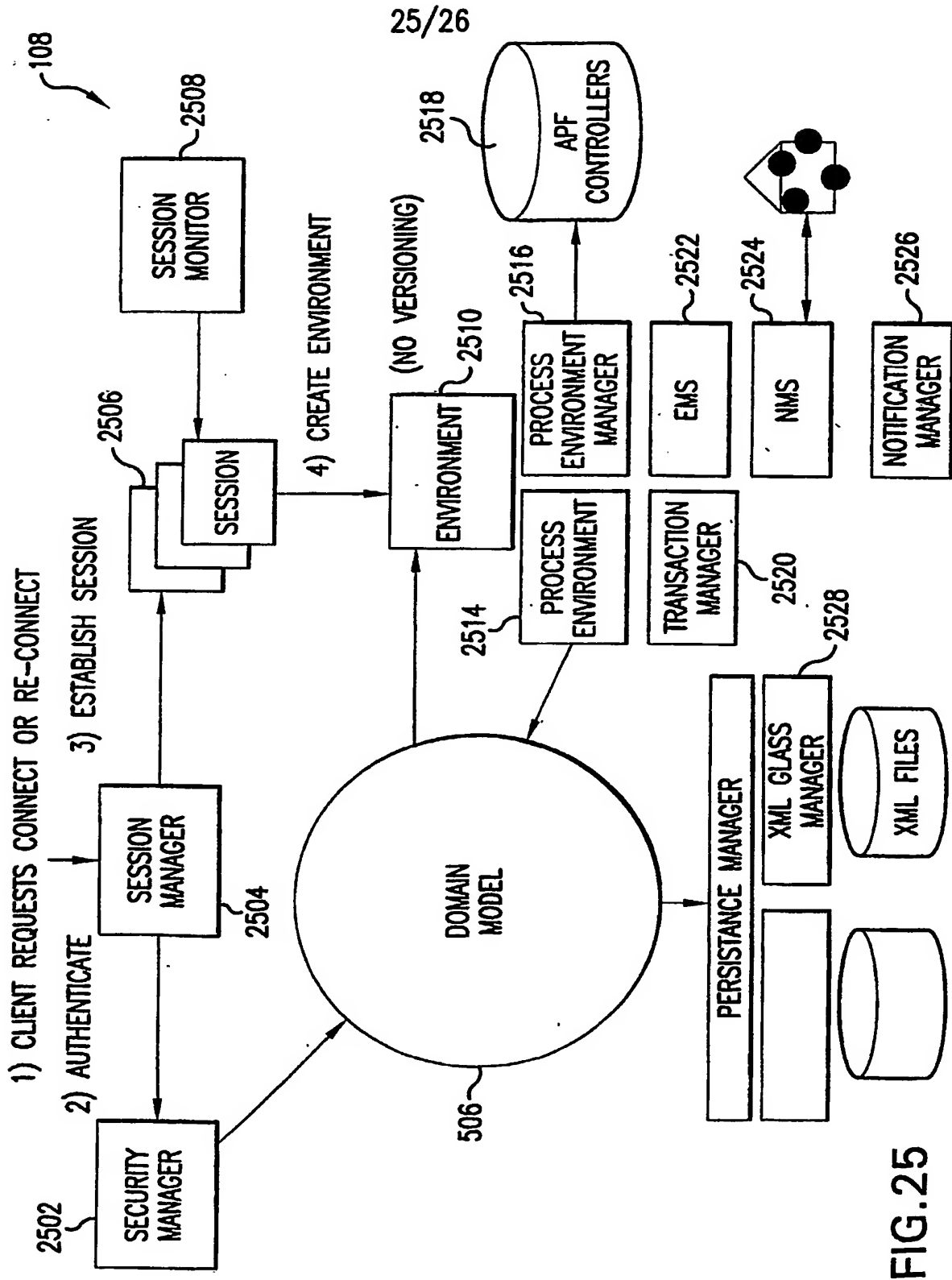


FIG. 25

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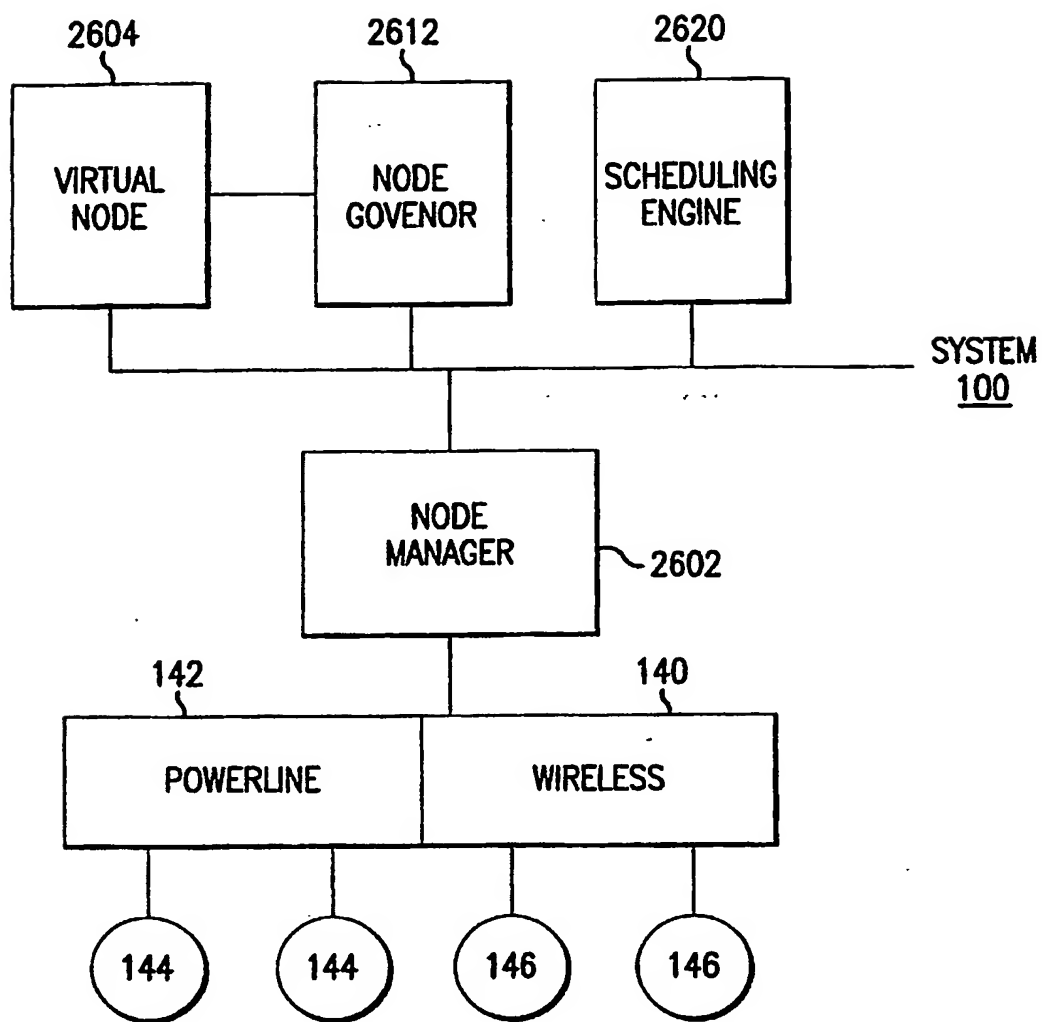


FIG.26